



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/674,159A

DATE: 08/02/2004

TIME: 11:00:54

Input Set : A:\Mit-0506.ST25.txt
 Output Set: N:\CRF4\08022004\J674159A.raw

3 <110> APPLICANT: Chen, Jianzhu
 4 Ge, Qing
 5 Eisen, Herman
 7 <120> TITLE OF INVENTION: Influenza Therapeutic
 9 <130> FILE REFERENCE: 0492611-0506
 11 <140> CURRENT APPLICATION NUMBER: 10/674,159A
 12 <141> CURRENT FILING DATE: 2003-09-29
 14 <160> NUMBER OF SEQ ID NOS: 271
 16 <170> SOFTWARE: PatentIn version 3.2
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 21
 20 <212> TYPE: DNA
 21 <213> ORGANISM: Influenza virus Type A PB2 segment
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 27 <210> SEQ ID NO: 2
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 29 <212> TYPE: DNA
 30 <213> ORGANISM: Influenza virus type A PB2 segment
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 36 <210> SEQ ID NO: 3
 37 <211> LENGTH: 21
 38 <212> TYPE: DNA
 39 <213> ORGANISM: Influenza virus type A PB2 segment
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 42 aatggatgtat ggcattgtaaa t 21
 45 <210> SEQ ID NO: 4
 46 <211> LENGTH: 21
 47 <212> TYPE: DNA
 48 <213> ORGANISM: Influenza virus type A PB2 segment
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 54 <210> SEQ ID NO: 5
 55 <211> LENGTH: 21
 56 <212> TYPE: DNA
 57 <213> ORGANISM: Influenza virus type A PB2 segment
 59 <400> SEQUENCE: 5
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 63 <210> SEQ ID NO: 6
 64 <211> LENGTH: 21
 65 <212> TYPE: DNA
 66 <213> ORGANISM: Influenza virus type A PB2 segment



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68 <400> SEQUENCE: 6
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87 aaggagacgt ggtgttggt a 21
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92 <212> TYPE: DNA
93 <213> ORGANISM: Influenza virus type A PB2 segment
95 <400> SEQUENCE: 9
96 aacggggactc tagcatactt a 21
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105 aagaattcgg atggccatca a 21
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111 <213> ORGANISM: Influenza virus type A PB1 segment
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114 aagcaggccaa accatttgaa t 21
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123 aaccatttga atggatgtca a 21
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129 <213> ORGANISM: Influenza virus type A PB1 segment
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137 <212> TYPE: DNA
138 <213> ORGANISM: Influenza virus type A PB1 segment
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158 <400> SEQUENCE: 16
159 aatgttctca aacaaaatgg c 21
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174 <213> ORGANISM: Influenza virus type A PB1 segment
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Input Set : A:\Mit-0506.ST25.txt
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216 <210> SEQ ID NO: 23
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218 <212> TYPE: DNA
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234 <210> SEQ ID NO: 25
235 <211> LENGTH: 21
236 <212> TYPE: DNA
237 <213> ORGANISM: Influenza virus type A PA segment
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253 <211> LENGTH: 21
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261 <210> SEQ ID NO: 28
262 <211> LENGTH: 21
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273 <213> ORGANISM: Influenza virus type A PA segment
275 <400> SEQUENCE: 29
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279 <210> SEQ ID NO: 30
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281 <212> TYPE: DNA
282 <213> ORGANISM: Influenza virus type A PA segment A/WSN/33HIN1) strain
284 <400> SEQUENCE: 30
285 aagcaattga ggagtgcctg a 21
288 <210> SEQ ID NO: 31

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Input Set : A:\Mit-0506.ST25.txt

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289 <211> LENGTH: 21
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 302 <400> SEQUENCE: 32
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 306 <210> SEQ ID NO: 33
 307 <211> LENGTH: 21
 308 <212> TYPE: DNA
 309 <213> ORGANISM: Influenza virus type A HA segment
 311 <400> SEQUENCE: 33
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 315 <210> SEQ ID NO: 34
 316 <211> LENGTH: 21
 317 <212> TYPE: DNA
 318 <213> ORGANISM: Influenza virus type A HA segment
 320 <400> SEQUENCE: 34
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 324 <210> SEQ ID NO: 35
 325 <211> LENGTH: 21
 326 <212> TYPE: DNA
 327 <213> ORGANISM: Influenza virus type A HA segment
 329 <400> SEQUENCE: 35
 330 aatgggactt atgattatcc c 21
 333 <210> SEQ ID NO: 36
 334 <211> LENGTH: 21
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 336 <213> ORGANISM: Influenza virus type A NP segment
 338 <400> SEQUENCE: 36
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 342 <210> SEQ ID NO: 37
 343 <211> LENGTH: 21
 344 <212> TYPE: DNA
 345 <213> ORGANISM: Influenza virus type A NP segment
 347 <400> SEQUENCE: 37
 348 aatcatggcg tcccaaggca c 21
 351 <210> SEQ ID NO: 38
 352 <211> LENGTH: 21
 353 <212> TYPE: DNA
 354 <213> ORGANISM: Influenza virus type A NP segment
 356 <400> SEQUENCE: 38
 357 aatagagaga atggtgctct c 21
 360 <210> SEQ ID NO: 39
 361 <211> LENGTH: 21

RAW SEQUENCE LISTING ERROR SUMMARY
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:179,180,181,182,183,184,187,270

VERIFICATION SUMMARY

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Input Set : A:\Mit-0506.ST25.txt

Output Set: N:\CRF4\08022004\J674159A.raw

L:945 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:95
L:957 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:96
L:969 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:97
L:981 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:98
L:993 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:99
L:1005 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:100
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L:1029 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:102
L:1041 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:103
L:1053 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:104
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L:1212 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:118
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L:2751 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:174

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Input Set : A:\Mit-0506.ST25.txt

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L:2799 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:178
L:3911 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:271